

SITE PLAN

STRUCTURES

UBA STRUCTURE FOR POWER CONTROL CENTER
UBF STRUCTURE FOR GENERATOR TRANSFORMER
UCA CONTROL ROOM BUILDING
UGA HIGH RECOVERY STEAM GENERATOR
UHA AMMONIA STORAGE AREA
UWA RAW WATER STORAGE TANK
UVC DEMINERALIZED WATER STORAGE TANK
UGU STRUCTURE FOR EFFLUENT DISPOSAL
UBA BOILER FEEDWATER PUMP HOUSE
UBA GENERATOR BUILDING
UBA PIPE AND CABLE BRIDGE
UBA COOLING TOWER STRUCTURE
UBA CIRCULATING WATER PUMP STRUCTURE
UBA FIRE PUMP HOUSE
UBA WASTE WATER TREATMENT AREA
UBA WORKSHOP / STORAGE AREA

EROSION AND SEDIMENTATION CONTROL DRAWING LEGEND

SYMBOL

AG AGGREGATE COVER
BF BARRIER FILTER (SILT FENCE)
CPS CULVERT INLET PROTECTION - STONE BERM
GLC GRASS-LINED CHANNEL
EB EROSION BLANKET UNDER GLC IF NECESSARY
IP INLET PROTECTION - EXCAVATED DRAIN
P PAVING PERMANENT
FS PERMANENT SEEDING
RCD ROCK CHECK DAM
ROP ROCK OUTLET PROTECTION
SE STABILIZED CONSTRUCTION ENTRANCE
SR STABILIZED CONSTRUCTION ROAD
FES FLARED END SECTION
TSA TEMPORARY STOCKPILE AREA
SB STRAW BALE SEDIMENT BARRIER

CONSTRUCTION SEQUENCE

1. THE PURPOSE OF THIS SITE GRADING IS TO UTILIZE THE EXCESS FILL MATERIAL GENERATED BY THE CONSTRUCTION OF THE ADJACENT BLYTHE ENERGY PROJECT PHASE I AND CONSTRUCTION OF PHASE II. ANY PERMANENT IMPROVEMENTS OF THIS SITE SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF THE CITY OF BLYTHE AND SHALL BE SUBMITTED TO APPROVAL.
2. PRIOR TO PLACEMENT OF THE FILL MATERIALS, ALL AREAS TO BE GRADED AND/OR FILLED SHALL BE CLEANED AND GRUBBED IN ACCORDANCE WITH THE SPECIFICATION.
3. FILL MATERIAL SHALL BE PLACED UNIFORMLY IN HORIZONTAL LAYERS, MAXIMUM 9 INCHES AND COMPACTED AS PER THE SPECIFICATION. EACH LAYER SHALL BE COMPACTED TO NOT LESS THAN 90 PERCENT OF THE MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D5557.
4. TEMPORARY SOIL STABILIZATION SHALL BE INSTALLED AS FOLLOWS:
A. ALL DISTURBED AREAS, ALL NEWLY FILLED SURFACES, BERM AND ALL DRAINAGE DITCHES SHALL RECEIVE TEMPORARY SOIL STABILIZATION TO PREVENT RAIN AND WIND EROSION AND TO MINIMIZE DUSTING.
B. SOIL STABILIZER SHALL BE "ENVIRO-TAC II" AS MANUFACTURED BY ENVIRONMENTAL PRODUCTS & APPLICATIONS, INC. GILBERT, ARIZONA (PHONE: 480-659-4747). STABILIZER APPLICATION RATE AND PENETRATION DEPTH SHALL BE SUCH THAT SOIL STABILIZATION STAYS EFFECTIVE FOR A PERIOD OF 12 MONTHS FROM THE DATE OF APPLICATION. SURFACE PREPARATION, APPLICATION METHOD AND APPLICATION RATE SHALL BE IN ACCORDANCE WITH THE WRITTEN RECOMMENDATIONS OF THE STABILIZER MANUFACTURER. THIS IS TO BE REAPPLIED TWELVE MONTHS FROM THE DATE OF FIRST APPLICATION FOR SOIL STABILIZATION, WIND AND EROSION CONTROL.
5. EXISTING TOPOGRAPHY AND PHYSICAL FEATURES AND PROPERTY SURVEY ARE BASED ON SURVEY PERFORMED BY THE HOLT GROUP, DATED APRIL 21, 2000.
6. PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR SHALL INSTALL EROSION AND SEDIMENT CONTROL MEASURES. CONTRACTOR SHALL BE RESPONSIBLE TO GET APPROVAL FROM THE CITY OF BLYTHE.
7. ALL SIDE SLOPES ARE 3(H):1(V) UNLESS OTHERWISE NOTED ON PLAN.

LEGEND

● SURVEY MONUMENTS AND PROPERTY CORNER
X P.K. NAIL
X NAIL SET
Q POWER POLE
Q POWER POLE ANCHOR
Q TELEPHONE JUNCTION BOX
Q WELL
Q DENOTES WETLANDS/MARSHY AREA
Q TREE/EDGE OF WOODS
— PROPERTY LINE
— CONSTRUCTION ACCESS ROAD
— UNDERGROUND TELEPHONE LINE
— UNDERGROUND ELECTRIC LINE
— AERIAL ELECTRIC LINE
— FENCE
Q MANHOLE
Q INLET
Q FLARED END SECTION (FES)
Q DRAINAGE DICH
— TEMP. SILT FENCE
— 770 — FINAL GRADE CONTOUR
Q AGGREGATE DITCH CHECK

GRAPHIC SCALE: 1"=50'

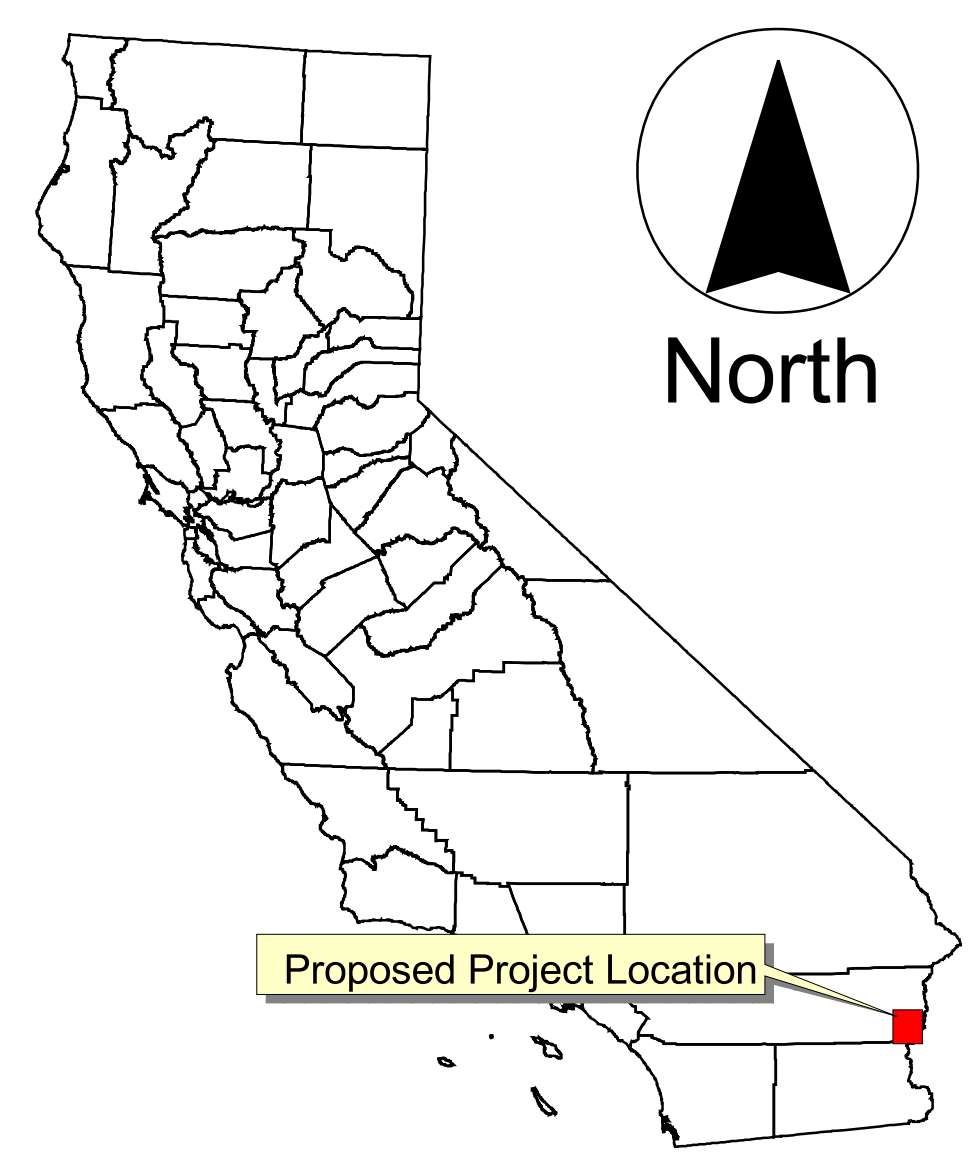
50' 0' 50' 100' 150'

BLYTHE ENERGY PROJECT PHASE II
BLYTHE, CALIFORNIA

EROSION CONTROL
BLYTHE ENERGY PROJECT PHASE II

SCALE: 1"=50'

PREPARED BY:
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MILWAUKEE, WISCONSIN
DATE: 8/18/02
DWG. NO.: 20549-00-0077-018
SHEET: 1 OF 1



**BLYTHE ENERGY PROJECT
PHASE II**

**FIGURE 70-3
EROSION CONTROL**

ANALYSIS AREA: RIVERSIDE CO., CALIFORNIA

DATE: 09/2002
PLOT SCALE: NTS

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PREPARED BY: GF